



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Elias Bjarnason et al.  
Application No.: 09/849,501

Examiner: Unassigned

Group Art Unit: 2631

Filed: May 4, 2001

For: METHOD AND APPARATUS FOR  
TRAINING LINEAR EQUALIZERS IN A  
PCM MODEM

I hereby certify that this correspondence (along with  
any paper referred to as being attached or enclosed) is  
being deposited with the United States Postal Service  
on the date shown below with sufficient postage as first  
class mail in an envelope addressed to the Assistant  
Commissioner for Patents, Washington, D.C. 20231.

Dated: 9-21-2001

  
Joanne Housen Galvez

Assistant Commissioner for Patents  
Washington, DC 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Application, a copy of which is enclosed, Applicants submit the following documents:

- (1) Fee Transmittal Sheet;
- (2) Check for \$840 for basic filing fee; and
- (3) Reissue specification provided in double-column format.

Respectfully submitted,  
SONNENSCHEIN NATH & ROSENTHAL



Francisco A. Rubio-Campos  
Reg. No. 45,358

Date: 9/21/01

P.O. Box 061080  
Wacker Drive Station  
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Tel: (213) 892-5084



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

Application Number: 09/849581

Attachment to Paper No.:

**REISSUE SUPPLEMENT  
NOTICE TO FILE MISSING PARTS OF APPLICATION**

This Reissue Supplement is an attachment to:

"Notice to File Missing Parts of Application" Filing Date Granted  
 "Notice of Incomplete Application" No filing Date Granted

The item(s) indicated below as missing must be filed within the period for reply set on the attached form to avoid abandonment.

Correction of the following is required to complete the reissue application:

1. The reissue specification has not been provided in double-column format as is required by 37 CFR 1.173(a)(1).

2. Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of all assignees.

3. Consent of the assignee is present, but is unsigned. A statement of consent bearing the signature of an official authorized to act on behalf of the assignee(s) must be provided.

4. Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.72 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b). See MPEP Sec. 324.

5. Assignee's statement under 37 CFR 3.73(b) is present, but is unsigned. A 37 CFR 3.73(b) statement bearing the signature of an official authorized to act on behalf of the assignee must be provided.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202



PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 840.00)

## Complete if Known

Application Number	09,849,501
Filing Date	May 4, 2001
First Named Inventor	Elias Bjarnason
Examiner Name	To Be Assigned
Group Art Unit	2631
Attorney Docket No.	09785980-0095

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	
Deposit Account Name	

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 710	201 355	Utility filing fee	710
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Francisco A. Rubio-Campos	Registration No. (Attorney/Agent)	45,358	Telephone	213-892-5084
Signature				Date	9/21/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



OCT 01 2001  
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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/849,501	05/04/2001	Elias Bjarnason	09785980-0095-97RSS022

## CONFIRMATION NO. 8697

## FORMALITIES LETTER



\*OC00000006328134\*

Francisco Rubio-Campos Esq  
Sonnenschein Nath & Rosenthal  
601 S Figueroa Street  
Suite 1500  
Los Angeles, CA 90017

Date Mailed: 07/23/2001

## NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION

*Filing Date Granted*

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 840.**

Adjustment date: 10/25/2001 SSANDARA  
10/02/2001 MBDELETE1 00000094 09849501

01 FC:101  
02 FC:199

-740.00 OP  
-100.00 OP

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

## PART 2 - COPY TO BE RETURNED WITH RESPONSE

10/25/2001 SSANDARA 00000014 09849501

10/02/2001 MBDELETE1 00000094 09849501

01 FC:101  
02 FC:199

740.00 OP  
100.00 OP

01 FC:108  
02 FC:197

740.00 OP  
100.00 OP

RECEIVED

JUL 25 2001

SONNENSCHEIN  
NATH & ROSENTHAL